

**IN THE UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS
MARSHALL DIVISION**

TQ DELTA, LLC,

Plaintiff,

v.

COMMSCOPE HOLDING COMPANY,
INC., COMMSCOPE, INC., ARRIS US
HOLDINGS, INC., ARRIS SOLUTIONS,
INC., ARRIS TECHNOLOGY, INC., and
ARRIS ENTERPRISES, LLC,

Defendants.

Civil Action No.: 2:21-cv-00310-JRG

**DECLARATION OF ANDREW S. ONG IN SUPPORT OF COMMSCOPE’S MOTION
FOR SUMMARY JUDGMENT OF NON-INFRINGEMENT OF
THE FAMILY 3 PATENTS**

I, Andrew S. Ong, declare:

1. I am a partner at Goodwin Procter LLP, counsel of record for Defendants CommScope Holding Company, Inc., CommScope Inc., ARRIS US Holdings, Inc., ARRIS Solutions, Inc., ARRIS Technology (collectively, “CommScope”). I am over the age of 18 years, have personal knowledge of the matters in this declaration, and if called as a witness, I would and could competently testify to them.

2. Attached hereto as **Exhibit A** is a true and correct copy of excerpts from the transcript of the June 1, 2022 Markman Hearing, Dkt. 172.

3. Attached hereto as **Exhibit B** is a true and correct copy of excerpts from U.S. Patent 7,844,882.

4. Attached hereto as **Exhibit C** is a true and correct copy of excerpts from U.S. Patent 8,276,048.

5. Attached hereto as **Exhibit D** is a true and correct copy of excerpts from the Opening Infringement Report of Dr. Todor Cooklev, dated August 29, 2022.

6. Attached hereto as **Exhibit E** is a true and correct copy of excerpts from the ITU-T G.993.2 standard titled “Very high speed digital subscriber line transceivers 2 (VDSL2)”.

7. Attached hereto as **Exhibit F** is a true and correct copy of excerpts from the transcript of the August 24, 2022 deposition of Gong-San Yu.

8. Attached hereto as **Exhibit G** is a true and correct copy of excerpts from the transcript of the August 25, 2022 deposition of Raphael Cassiers.

9. Attached hereto as **Exhibit H** is a true and correct copy of excerpts from the Responsive Expert Report of Dr. Niel Ransom, dated November 18, 2022.

I declare under penalty of perjury that the foregoing is true and correct. Executed on December 14, 2022, in San Francisco, California.

/s/ Andrew S. Ong
Andrew S. Ong